Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

AIR QUALITY PERMIT

Issued under 401 KAR 52:030

Permittee Name:	**Meritor**
Mailing Address:	**115 Ogles Avenue** **Franklin, KY 42134**
Source Name:	**Meritor**
Mailing Address:	**115 Ogles Avenue** **Franklin, KY 42134**
Source Location:	**115 Ogles Avenue**
Permit Number:	**F-03-007**
Log Number:	**55404**
Review Type:	**Conditional Major**
KYEIS ID #:	**21-213-00015**
SIC Code:	**3321**
Regional Office:	**Bowling Green Regional Office** **1508 Western Avenue** **Bowling Green, KY 42104-3356** **(270) 746-7475**
County:	**Simpson**
Application Complete Date:	**February 4, 2003**
Issuance Date:	**2003**
Expiration Date:	**2008**

Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

John S. Lyons, Director
Division for Air Quality

TABLE OF CONTENTS

Definitions: The following definitions apply to all pollutant listed in this permit:

a. PT – total particulate matter
b. PM10 – particulate matter equal to or smaller than 10 micrometers
c. CO – carbon monoxide
d. NO_x – nitrogen oxides
e. SO_2 – sulfur dioxide
f. Pb – lead
g. VOC – volatile organic compounds
h. Co – cobalt
i. Cr – chromium
j. Mn – manganese
k. Ni – nickel
l. HAPS – cumene, xylene

SECTION A – PERMIT AUTHORIZATION

Pursuant to a duly submitted application, the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes, Chapter 224, and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other feral, state or local agency.

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP REQUIREMENTS:

01 (620) Air Make-Up Units, construction commenced: November 25, 1996

Description: The emission point consists of three direct-fired air make-up units run on natural gas. One unit has a rated heat capacity of 2.5 MMBtu/hr, the other two have rated heat capacities of 6.3 MMBtu/hr each.

Annual hours of operation: 8760 hours/year
Control Device: None

Emission Sources:	**Max Throughputs:**	**Pollutants:**
Natural gas	0.015 10^6 ft^3/hr (total)	PM10, PT, CO, NO_x, SO_2, Pb, VOC

APPLICABLE REGULATIONS: None.

1. **Operating Limitations:** None
2. **Emission Limitations:** See **SECTION D** (2).
3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:** None
5. **Specific Record Keeping Requirements:** None
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None
9. **Compliance Schedule:** None
10. **Compliance Certification Requirements:** See **SECTION F** (7).

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP REQUIREMENTS:

04 (100) Scrap and Charge Handling , construction commenced: November 25, 1996

Description: The emission point consists of emissions from the handling and charging of scrap metal to the melt furnaces. The building serves as an enclosure at 70% control efficiency.

Annual hours of operation: 8760 hours/year
Control Device: None

Emission Sources:	Max Throughputs:	Pollutants:
Scrap metal charge	8.8 ton/hr	PM10, PT

12 (-) Shotblast , construction commenced: November 25, 1996

Description: The emission point consists of emissions shotblasting. There is no associated control device.

Annual hours of operation: 8760 hours/year
Control Device: None

Emission Sources:	Max Throughputs:	Pollutants:
Metal charge	9.9 ton/hr	PM10, PT

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations. Applicable to visible and particulate emissions from each emission point (listed above) commenced on or after July 2, 1975.

1. **Operating Limitations:** None

2. **Emission Limitations:**
   a. ***Opacity Standard***: Section 3 (1), visible emissions shall not equal or exceed 20 percent opacity, as determined with Reference Method 9, Appendix A 40 CFR 60.
      Compliance demonstration: The permittee shall demonstrate compliance through monitoring and maintenance of the records as specified in points 4. **Specific Monitoring Requirements** and 5. **Specific Record Keeping Requirements** below.

   b. ***Mass Emission Standard for particulate emissions from all emission points***: Section 3 (2), hourly particulate emissions for each emission point as measured by

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Reference Method 5, Appendix A 40 CFR 60, shall not exceed the limit calculated by the following equation:

$$E = 3.59 \cdot P^{0.62}$$

Where E is the particulate emission in lbs/hour and P is the process weight (i.e. the maximum amount of solid scraps/wastes produced or maximum amount of output product) in tons/hour. If the process weight is less than or equal to 0.5 ton/hour, the particulate matter emission limitation shall be 2.34 lbs/hour. See **SECTION D** (2).

Compliance demonstration: Section 4 (5), the process weight shall be determined in average hourly tons by averaging the daily process weight rate over daily hours of operation. Particulate emissions shall be calculated by the following equation:

$$E = P \cdot EF$$

Where E is particulate emissions in lbs/hr, P is averaged process weight in tons/hr and EF is the KYEIS particulate emission factor in lbs/ton of process weight.

3. **Testing Requirements:** Pursuant to Regulations 401 KAR 61:005 Section 2 (2) and 401 KAR 50:45 Section 1, performance testing using the Reference methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

4. **Specific Monitoring Requirements:**
   a. Weekly observations of emissions from scarp charge and handling and the Shotblaster shall be made.
   b. In addition, once per calendar quarter, an EPA Reference Method 9 shall be performed.

5. **Specific Record Keeping Requirements:** A log shall be kept on all visible emissions observations. Notification in the weekly log shall be made of, but not limited to the following:
   a. Whether any air emissions (except for water vapor) were visible from the plant.
   b. Whether the visible emissions were normal for the process.
   c. The cause of any abnormal emissions and any corrective actions taken.

6. **Specific Reporting Requirements:** See **SECTION F** (5).

7. **Specific Control Equipment Operating Conditions:** None

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

10. **Compliance Certification Requirements:** See **SECTION F** (7).

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP REQUIREMENTS:

05 (200) #1 Induction Furnace, construction commenced: November 25, 1996

Description: The emission point consists of one induction furnace with common baghouse shared with points 6 and 8. The baghouse has a capture efficiency of 85% and a control efficiency of 95%.

Annual hours of operation: 8760 hours/year
Control Device: Baghouse

Emission Sources:	Max Throughputs:	Pollutants:
Scrap metal charge	4.4 ton/hr	PM10, PT, Pb, Cr, Co, Mn, Ni

06 (210) #2 Induction Furnace, construction commenced: November 25, 1996

Description: The emission point consists of one induction furnace with common baghouse shared with points 5 and 8. The baghouse has a capture efficiency of 85% and a control efficiency of 95%.

Annual hours of operation: 8760 hours/year
Control Device: Baghouse

Emission Sources:	Max Throughputs:	Pollutants:
Scrap metal charge	4.4 ton/hr	PM10, PT, Pb, Cr, Co, Mn, Ni

08 (230) Back-up Holding Furnace, construction commenced: November 25, 1996

Description: The emission point consists of one holding furnace with common baghouse shared with points 5 and 6. The baghouse has a capture efficiency of 85% and a control efficiency of 95%.

Annual hours of operation: 8760 hours/year
Control Device: Baghouse

Emission Sources:	Max Throughputs:	Pollutants:
Molten metal	8.8 ton/hr	PM10, PT, Pb, Cr, Co, Mn, Ni

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

16 (-) Pressure Pour Furnace, construction commenced: pending

Description: The emission point consists of one holding furnace with no associated control equipment.

Annual hours of operation: 8760 hours/year
Control Device: None

Emission Sources:	**Max Throughputs:**	**Pollutants:**
Molten metal	8.8 ton/hr	PM10, PT, Pb, Cr, Co, Mn, Ni

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations. Applicable to visible and particulate emissions from each emission point (listed above) commenced on or after July 2, 1975.

401 KAR 63:021, Existing sources emitting toxic air pollutants. State origin regulation.

11. **Operating Limitations:** None

12. **Emission Limitations:**
    a. ***Opacity Standard***: Section 3 (1), visible emissions shall not equal or exceed 20 percent opacity, as determined with Reference Method 9, Appendix A 40 CFR 60.
       Compliance demonstration: The permittee shall demonstrate compliance through monitoring and maintenance of the records as specified in points 4. **Specific Monitoring Requirements** and 5. **Specific Record Keeping Requirements** below.

    b. ***Mass Emission Standard for particulate emissions from all emission points***: Section 3 (2), hourly particulate emissions for each emission point as measured by Reference Method 5, Appendix A 40 CFR 60, shall not exceed the limit calculated by the following equation:

$$E = 3.59 \cdot P^{0.62}$$

       Where E is the particulate emission in lbs/hour and P is the process weight (i.e. the maximum amount of solid scraps/wastes produced or maximum amount of output product) in tons/hour. If the process weight is less than or equal to 0.5 ton/hour, the particulate matter emission limitation shall be 2.34 lbs/hour. See **SECTION D** (2).
       Compliance demonstration: Section 4 (5), the process weight shall be determined in average hourly tons by averaging the daily process weight rate

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

over daily hours of operation. Particulate emissions shall be calculated by the following equation:

$$E = P \cdot EF$$

Where E is particulate emissions in lbs/hr, P is averaged process weight in tons/hr and EF is the KYEIS particulate emission factor in lbs/ton of process weight.

13. **Testing Requirements:** Pursuant to Regulations 401 KAR 61:005 Section 2 (2) and 401 KAR 50:45 Section 1, performance testing using the Reference methods specified in Regulation 401 KAR 50:015 shall be conducted as require by the Division.

14. **Specific Monitoring Requirements:**
    a. Weekly observations of emissions from all four furnaces shall be made.
    b. In addition, once per calendar quarter, an EPA Reference Method 9 shall be performed.

15. **Specific Record Keeping Requirements:** See **SECTION D** (5). A log shall be kept on all visible emissions observations. Notification in the weekly log shall be made of, but not limited to the following:
    a. Whether any air emissions (except for water vapor) were visible from the plant.
    b. Whether the visible emission were normal for the process.
    c. The cause of any abnormal emissions and any corrective actions taken.

16. **Specific Reporting Requirements:** See **SECTION D** (6) and **SECTION F** (5).

17. **Specific Control Equipment Operating Conditions:**
    i. The baghouse shall be in place and operational at all times when the affected facility is operating and shall be maintained in accordance with the manufacturer's specifications.
    ii. Maintain on-site daily log of the pressure drop across the baghouse and ensure it remains in the proper operating range.

18. **Alternate Operating Scenarios:** None

19. **Compliance Schedule:** None

20. **Compliance Certification Requirements:** See **SECTION F** (7).

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP REQUIREMENTS:

07 (220) Transfer to Ladle, construction commenced: November 25, 1996

Description: The emission point consists of emissions from the transfer of molten metal from the furnace to the pouring ladle. Emissions from this point are controlled 70% by the building.

Annual hours of operation: 8760 hours/year
Control Device: Building

Emission Sources:	Max Throughputs:	Pollutants:
Molten metal	8.8 ton/hr	PM10, PT, Pb, Cr, Co, Mn, Ni

09 (240) Pouring & Cooling, construction commenced: November 25, 1996

Description: The emission point consists of emissions from the casting and cooling of molten metal. Emissions from this point are controlled 70% by the building.

Annual hours of operation: 8760 hours/year
Control Device: None

Emission Sources:	Max Throughputs:	Pollutants:
Molten metal	8.8 ton/hr	PM10, PT, Pb, Cr, Co, Mn, Ni

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations. Applicable to visible and particulate emissions from each emission point (listed above) commenced on or after July 2, 1975.

401 KAR 63:021, Existing sources emitting toxic air pollutants. State origin regulation.

21. **Operating Limitations:** None

22. **Emission Limitations:**
    a. ***Opacity Standard***: Section 3 (1), visible emissions shall not equal or exceed 20 percent opacity, as determined with Reference Method 9, Appendix A 40 CFR 60.
        Compliance demonstration: The permittee shall demonstrate compliance through monitoring and maintenance of the records as specified in points 4. **Specific Monitoring Requirements** and 5. **Specific Record Keeping Requirements** below.

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

b. ***Mass Emission Standard for particulate emissions from all emission points***: Section 3 (2), hourly particulate emissions for each emission point as measured by Reference Method 5, Appendix A 40 CFR 60, shall not exceed the limit calculated by the following equation:

$$E = 3.59 \cdot P^{0.62}$$

Where E is the particulate emission in lbs/hour and P is the process weight (i.e. the maximum amount of solid scraps/wastes produced or maximum amount of output product) in tons/hour. If the process weight is less than or equal to 0.5 ton/hour, the particulate matter emission limitation shall be 2.34 lbs/hour. See **SECTION D** (2).

Compliance demonstration: Section 4 (5), the process weight shall be determined in average hourly tons by averaging the daily process weight rate over daily hours of operation. Particulate emissions shall be calculated by the following equation:

$$E = P \cdot EF$$

Where E is particulate emissions in lbs/hr, P is averaged process weight in tons/hr and EF is the KYEIS particulate emission factor in lbs/ton of process weight.

23. **Testing Requirements:** Pursuant to Regulations 401 KAR 61:005 Section 2 (2) and 401 KAR 50:45 Section 1, performance testing using the Reference methods specified in Regulation 401 KAR 50:015 shall be conducted as require by the Division.

24. **Specific Monitoring Requirements:**
    a. Weekly observations of emissions from both transfer ladle and pouring shall be made.
    b. In addition, once per calendar quarter, an EPA Reference Method 9 shall be performed.

25. **Specific Record Keeping Requirements:** See **SECTION D** (5) below. A log shall be kept on all visible emissions observations. Notification in the weekly log shall be made of, but not limited to the following:
    26. Whether any air emissions (except for water vapor) were visible from the plant.
    27. Whether the visible emission were normal for the process.
    28. The cause of any abnormal emissions and any corrective actions taken.

29. **Specific Reporting Requirements:** See **SECTION D (6)** and **SECTION F** (5).

30. **Specific Control Equipment Operating Conditions:** None

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

31. **Alternate Operating Scenarios:** None

32. **Compliance Schedule:** None

33. **Compliance Certification Requirements:** See **SECTION F** (7).

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP REQUIREMENTS:

10 (620) Drying Heater, construction commenced: November 25, 1996

Description: The emission point consists of one indirect fired heat exchanger with a rated heat capacity of 1.65 MMBtu/hr.

Annual hours of operation: 8760 hours/year
Make/Model: None
Control Device: None

Emission Sources:	**Max Throughputs:**	**Pollutants:**
Natural gas	0.002 10^6 ft^3/hr (total)	PM10, PT, CO, NO_x, SO_2, Pb, VOC

APPLICABLE REGULATIONS:

401 KAR 59:015, New indirect heat exchangers. Applicable to each emission unit greater than 1 MMBTU/hr capacity (listed above) commenced on or after April 9, 1972.

401 KAR 63:021, Existing sources emitting toxic air pollutants. State origin regulation.

34. **Operating Limitations:** None

35. **Emission Limitations:**
    a. ***Opacity Standard***: Section 4 (2), visible emissions, as measured by Reference Method 9, Appendix A 40 CFR 60, shall not equal or exceed 20 percent opacity except a maximum of 40 percent opacity shall be permissible for not more than 6 consecutive minutes in any 60 consecutive minutes during cleaning or while building a new fire.

    Compliance demonstration: The permittee shall demonstrate compliance through monitoring and maintenance of the records as specified in points 4. **Specific Monitoring Requirements** and 5. **Specific Record Keeping Requirements** below.

    b. ***Mass Emission Standard for particulate emissions from all emission points***: Section 4 (1)(a), hourly particulate emissions, as measured by Reference Method 5, Appendix A 40 CFR 60, for each point shall not exceed 0.56 lb/million BTU actual heat input. See **SECTION D** (2) below.

    Compliance demonstration: The permittee shall monitor the amounts and types of process fuels combusted. Particulate emissions shall be calculate by:

$$PT = A \cdot B/(C \cdot D)$$

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Where PT is total particulate emissions in lbs/hr, A is the annual total fuel input rate in million BTU /hr, B is the KYEIS particulate emission factor in $lb/10^6\ ft^3$, C is the actual heat input capacity of the heat exchanger in million BTU/hr, and D is the hours of operation per year.

c. ***Sulfur Dioxide Standard****:* Section 5 (1)(a), hourly SO_2 emission, as measured by Reference Method 6, Appendix A 40 CFR 60, for each point shall not exceed 3.0 lb/million BTU actual heat input for the combustion of liquid or gaseous fuels

Compliance demonstration: The permittee shall monitor the amounts and types of process fuels combusted. Sulfur dioxide emissions shall be calculate by:

$$SO_2 = A \cdot B / (C \cdot D)$$

Where SO_2 is sulfur dioxide emissions in lbs/hr, A is the annual total fuel input rate in million BTU/hr, B is the KYEIS sulfur dioxide emission factor in $lb/10^6\ ft^3$, C is the actual heat input capacity of the heat exchanger in million BTU/hr, and D is the hours of operation per year.

36. **Testing Requirements:** Pursuant to Regulations 401 KAR 61:005 Section 2 (2) and 401 KAR 50:45 Section 1, performance testing using the Reference methods specified in Regulation 401 KAR 50:015 shall be conducted as require by the Division.

37. **Specific Monitoring Requirements:** An EPA Reference Method 9 shall be performed annually.

38. **Specific Record Keeping Requirements:** None

39. **Specific Reporting Requirements:** See **SECTION F** (5).

40. **Specific Control Equipment Operating Conditions:** None

41. **Alternate Operating Scenarios:** None

42. **Compliance Schedule:** None

43. **Compliance Certification Requirements:** See **SECTION F** (7).

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP REQUIREMENTS:

13 (530) Paint Spray Booth, construction commenced: September 8, 1997

Description: The emission point consists of a paint booth where both primer and paint are applied. The booth has a panel filter with a control efficiency of 99% for particulates only.

Annual hours of operation: 8760 hours/year
Make/Model: None
Control Device: Filter (PM10 and PT only)

Emission Sources:	**Max Throughputs:**	**Pollutants:**
Paint primer	3.775 gal/hr	PM10, PT, VOC, xylene
Paint	3.775 gal/hr	PM10, PM, VOC
Clean-up solvent	0.005 gal/hr	VOC, cumene, xylene

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations. Applicable to visible and particulate emissions from each emission point (listed above) commenced on or after July 2, 1975.

401 KAR 63:020, Potentially Hazardous Matter or Toxic Substances. State origin regulation.

44. **Operating Limitations:** None

45. **Emission Limitations:**
    a. ***Opacity Standard***: Section 3 (1), visible emissions shall not equal or exceed 20 percent opacity, as determined with Reference Method 9, Appendix A 40 CFR 60.
        Compliance demonstration: The permittee shall demonstrate compliance through monitoring and maintenance of the records as specified in points 4. **Specific Monitoring Requirements** and 5. **Specific Record Keeping Requirements** below.

    b. ***Mass Emission Standard for particulate emissions from all emission points***: Section 3 (2), hourly particulate emissions for each emission point as measured by Reference Method 5, Appendix A 40 CFR 60, shall not exceed the limit calculated by the following equation:

$$E = 3.59 \cdot P^{0.62}$$

Where E is the particulate emission in lbs/hour and P is the process weight (i.e. the maximum amount of solid scraps/wastes produced or maximum amount of output

SECTION B – AFFECTED FACILITIES, APPLICALBE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

product) in tons/hour. If the process weight is less than or equal to 0.5 ton/hour, the particulate matter emission limitation shall be 2.34 lbs/hour. See **SECTION D** (2).

Compliance demonstration: Section 4 (5), the process weight shall be determined in average hourly tons by averaging the daily process weight rate over daily hours of operation. Particulate emissions shall be calculated by the following equation:

$$E = P \cdot EF$$

Where E is particulate emissions in lbs/hr, P is averaged process weight in tons/hr and EF is the KYEIS particulate emission factor in lbs/ton of process weight.

46. **Testing Requirements:** Pursuant to Regulations 401 KAR 61:005 Section 2 (2) and 401 KAR 50:45 Section 1, performance testing using the Reference methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

47. **Specific Monitoring Requirements:** None

48. **Specific Record Keeping Requirements:** See **SECTION D** (5) below.

49. **Specific Reporting Requirements:** See **SECTION D** (6) below.

50. **Specific Control Equipment Operating Conditions:**
    51. Filters shall be in place and operational at all times when the paint spray booth is operating.
    52. Filters shall be changed as often as needed to comply with the emissions limitations.

53. **Alternate Operating Scenarios:** None

54. **Compliance Schedule:** None

55. **Compliance Certification Requirements:** See **SECTION F** (7).

SECTION C – INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030 Section 6. While these activities are designated as insignificant, the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

Unit #	Description	Generally Applicable Regulation
(02)	Borax Rinse Tank – Indirect Fired Heat Exchanger	None
(03)	Wash & Rinse Tanks – Indirect Fired Heat Exchanger	None
(11)	Wet Machining	401 KAR 59:010
(14)	Roads – Paved	401 KAR 63:010
(15)	Drum Washer	401 KAR 59:010

SECTION D – SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

As required by Section 1 (b) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources*, incorporated by reference in 401 KAR 52:030 Section 10, compliance with annual emissions and processing limitations contained in this permit shall be based on emissions and processing rates for any twelve (12) consecutive months.

PM10, PT, VOC and HAP emissions from the entire facility shall not exceed the limits set below.

i. **Operating Limitations:** None

ii. **Emission Limitations:** In order to maintain Conditional Major status, facility emissions shall not exceed the limits listed below:

a. ***PM10***: To preclude Major Source Title V review, PM10 in diameter from the entire facility, including insignificant activities, shall be less than 95 tons/yr based on the following equation:

$$\sum_{i=1}^{12}\sum_{j=1}^{n}\left(\frac{P_j \cdot PM10_{EFj}}{2000}\right)\cdot A_j \cdot B_j \cdot t_{ij} \quad \leq \quad 95\ TPY$$

Where n is the unit number, P_j is the hourly process rate, $PM10_{EFj}$ is the corresponding KYEIS PM10 emission factor in lbs/process rate unit, A_j is the capture efficiency, B_j is the control efficiency of any integral control device and t_{ij} is the corresponding hours in operation/month.

b. ***PT***: To preclude Major Source Title V review, PT emissions from the entire facility, including insignificant activities, shall be less than 95 tons/yr based on the following equation:

$$\sum_{i=1}^{12}\sum_{j=1}^{n}\left(\frac{P_j \cdot PT_{EFj}}{2000}\right)\cdot A_j \cdot B_j \cdot t_{ij} \quad \leq \quad 95\ TPY$$

Where n is the unit number, P_j is the hourly process rate, PT_{EFj} is the corresponding KYEIS PT emission factor in lbs/process rate unit, A_j is the capture efficiency, B_j is the control efficiency of any integral control device and t_{ij} is the corresponding hours in operation/month.

c. ***VOC***: To preclude Major Source Title V review, volatile VOC emissions from the entire facility, including insignificant activities, shall be less than 95 tons/yr based on the following equation:

$$\sum_{i=1}^{12}\sum_{j=1}^{n}\left(\frac{P_j \cdot VOC_{EFj}}{2000}\right)\cdot A_j \cdot B_j \cdot t_{ij} \quad \leq \quad 95\ TPY$$

SECTION D – SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

Where n is the unit number, P_j is the hourly process rate, VOC_{EFj} is the corresponding KYEIS VOC emission factor in lbs/process rate unit, A_j is the capture efficiency, B_j is the control efficiency of any integral control device and t_{ij} is the corresponding hours in operation/month.

d. ***HAPS***: To preclude Major Source Title V review, HAP emissions from the entire facility, including insignificant activities:

2. Shall be less than 9.5 tons/yr individual HAP based on the following equation:

$$\sum_{i=1}^{12}\sum_{j=1}^{n}\left(\frac{P_j \cdot HAP\%_j \cdot HAP_{EFj}}{2000}\right)\cdot A_j \cdot B_j \cdot t_{ij} \quad \leq \quad 9.5\ TPY$$

Where n is the unit number, P_j is the hourly process rate, HAP%j is the HAP volume or weight % corresponding to the process rate units, HAP_{EFj} is the KYEIS HAP emission factor in lbs/process rate unit, A_j is the capture efficiency, B_j is the control efficiency of any integral control device and t_{ij} is the corresponding hours in operation/month.

3. Shall be less than 22.5 tons/yr combined HAP based on the following equation:

$$\sum_{i=1}^{12}\sum_{j=1}^{n}\sum_{k=1}^{m}\left(\frac{P_j \cdot HAP\%_k \cdot HAP_{EFk}}{2000}\right)\cdot A_k \cdot B_k \cdot t_{ij} \quad \leq \quad 22.5\ TPY$$

Where n is the unit number, m is individual HAP, P_j is the hourly process rate, $HAP\%_k$ is the individual HAP volume or weight % corresponding to the process rate units, HAP_{EFk} is the KYEIS individual HAP emission factor in lbs/process rate unit, A_k is the capture efficiency and B_k is the control efficiency of any integral control device and t_{ij} is the corresponding hours in operation/year.

a. ***Pb***: Pursuant to 401 KAR 63:021, lead emissions from emission points 1-14 shall not exceed 0.185 lbs/hr based on the following equation:

$$\sum_{i=1}^{14} P_i \cdot Pb_{EFi} \quad \leq \quad 1.85\ lbs/hr$$

Where P_j is the hourly process rate for unit i and Pb_{EFj} is the corresponding KYEIS Pb emission factor in lbs/process rate unit.

SECTION D – SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:** See **SECTION B 4. Specific Monitoring Requirements** for each individual emission point.

5. **Specific Record Keeping Requirements:** Record keeping consisting of all materials used, including those used in insignificant activities, with HAP content for each and total individual and combined HAP emissions shall be kept monthly. The total individual and combination HAPS shall be summarized each month and a 12-month rolling total shall be calculated. See **SECTION B 5. Specific Record Keeping Requirements** for other individual point requirements.

6. **Specific Reporting Requirements:** Semiannual reports shall be sent to the Division's Bowling Green Regional Office by January 30 and July 30 each year. The reports should show the summarized monthly and 12-month rolling total individual and combination HAPs as require in 5. **Specific Record Keeping Requirements** above.

7. **Specific Control Equipment Operating Conditions:** None

8. **Alternate Operating Scenarios:** None

9. **Compliance Schedule:** None

10. **Compliance Certification Requirements:** Annual compliance certification must certify compliance with the emission limitations set in 2. **Emission Limitations** above. See **SECTION F** (7).

SECTION E – SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055 Section 2 (5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

2. Pursuant to 401 KAR 50:012 Section 1 (1), in the absence of a specific regulatory standard, all air contaminant sources shall, as a minimum, apply control procedures that are reasonable, available and practical.

SECTION G – GENERAL PROVISIONS

3. Pursuant to Section 1 (b)(IV)(1) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
    a. Date, place (as defined in this permit), and time of sampling or measurements;
    b. Analyses performance dates;
    c. Company or entity that performed analyses;
    d. Analytical techniques or methods used;
    e. Analyses results; and
    f. Operating conditions during time of sampling or measurement.

4. Records of all required monitoring data and support information, including calibrations, maintenance records, original strip chart recordings, and copies of all reports required by the Division for Air Quality shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [401 KAR 52:030 Section 3 (1)(f)(1a) and Section 1 (a)(7) of *the Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

5. In accordance with the requirements of 401 KAR Section 3 (1)(h), the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
    a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
    b. To access and copy any records required by the permit;
    c. Sample or monitor, at reasonable times, substance or parameters to assure compliance with the permit or any applicable requirements

    Reasonable times are defined as during all hours of operation, during normal office hours, or during and emergency.

6. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

7. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors shall be submitted to the Division's Bowling Green Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

SECTION G – GENERAL PROVISIONS

8. The semi-annual reports are due by January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3 (3). All reports shall be certified by a responsible official pursuant to 401 KAR 52:030 Section 22. All deviations from permit requirements shall be clearly identified in the reports.

9. In accordance with the provisions of 401KAR 50:055 Section 1, the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
    a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown or immediately following the decision to shut down if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
    b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.

10. The owner or operator shall report emission related exceedances from permit requirements, including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above), to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.5 [Section 1 (b)(V)(3) and (4) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

11. Pursuant to 401KAR 52:030 Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit in accordance with the following requirements:
    a. Identification of each term or condition;
    b. Compliance status of each term or condition of the permit;
    c. Whether compliance was continuous or intermittent;
    d. The method used for determining the compliance status for the source, currently and over the reporting period.
    e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.
    f. Other facts the Division may require to determine the compliance status of the source; and

SECTION G – GENERAL PROVISIONS

g. The certification shall be postmarked by January 30th of each year. **Annual compliance certifications should be mailed to the following addresses:**

Division for Air Quality Bowling Green Regional Office 1508 Western Avenue Bowling Green, KY 42104-3356	Division for Air Quality Central Files 803 Schenkel Lane Frankfort, KY 40601

1. In accordance with 401KAR 52:030 Section 3 (1)(d), the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission survey is mailed to the permittee. If a KYEIS emission report is not mailed to the permittee, comply with all other emission reporting requirements in this permit.

2. Pursuant to Section (VII)(3) of the policy manual of the Division for Air Quality as referenced in 401 KAR 50:016 Section 1 (1), results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork.

3. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
   a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
      b. The size and location of both the original and replacement units; and
      c. Any resulting change in emissions;
   d. The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
   e. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
   f. The replacement unit shall comply with all applicable requirements;
   g. The source shall notify Regional Office of all shutdowns and start-ups; and
   h. Within six (6) months after installing the replacement unit, the owner or operator shall:
      i. Re-install the original unit and remove or dismantle the replacement unit; or
      j. Submit an application to permit the replacement unit as a permanent change.

General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3 (1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and re-

SECTION G – GENERAL PROVISIONS

issuance, revision, or denial of a permit [Section 1 (a)(2) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

2. The filing of a request by the permittee for any permit revision, revocation, re-issuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1 (a)(5) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

3. This permit may be revised, revoked, reopened and re-issued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
    a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030 Section 12;
    b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
    c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

    Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Re-openings shall be made as expeditiously as practicable. Re-openings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit [Sections 1 (a)(6) and (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030 Section 7 (1)].

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this

SECTION G – GENERAL PROVISIONS

permit [Section 1 (a)(11) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1 (a)(3) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

8. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1 (a)(12)(b) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3 (6) [Section 1 (a)(9) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:030 Section 11 (3)].

11. This permit does not convey property rights or exclusive privileges [Section 1 (a)(8) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.

13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.

14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

15. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source pre construction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

SECTION G – GENERAL PROVISIONS

16. Permit Shield – A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
    a. Applicable requirements that are included and specifically identified in this permit; and
    b. Non-applicable requirements expressly identified in this permit.

17. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030 Section 3 (1)(c)].

18. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:030 Section 8 (2)].

19. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source pre construction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:030 Section 12].

Permit Revisions

1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2).

2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G – GENERAL PROVISIONS

Construction, Start-up, and Initial Compliance Demonstration Requirements

1. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.
2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office, notification of the following:
    a. The date when construction commenced;
    b. The date of start-up of the affected facilities listed in this permit; and/or
    c. The date when the maximum production rate specified in the permit application was achieved.

3. Pursuant to 401 KAR 52:030 Section 3 (2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.

4. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the proposed permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by Section I of this permit or order of the Cabinet.

5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. These performance tests must also be conducted in accordance with General Provisions G(d)6 of this permit and the permittee must furnish to the Division for Air Quality's Frankfort Central Office a written report of the results of such performance test.

6. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

SECTION G – GENERAL PROVISIONS

7. Pursuant to Section VII (2)(1) of the policy manual of the Division for Air Quality as referenced by 401 KAR 50:016 Section 1 (1), at least one month prior to the date of the required performance test, the permittee shall complete and return a Compliance Test Protocol (Form DEP 6027) to the Division's Frankfort Central Office. Pursuant to 401 KAR 50:045 Section 5, the Division shall be notified of the actual test date at least ten (10) days prior to the test.

8. Pursuant to Section VII 1.(2 and 3) of the policy manual of the Division for Air Quality as referenced by 401 KAR 50:016, Section 1.(1), if a demonstration of compliance, through performance testing was made at a production rate less than the maximum specified in the application form, then the permittee is only authorized to operate at a rate that is not greater than 110% of the rate demonstrated during performance testing. If and when the facility is capable of operation at the rate specified in the application, compliance must be demonstrated at the new production rate if required by the Division.

a. Emergency Provisions

1. Pursuant to 401 KAR 52:030 Section 23 (1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
    a. An emergency occurred and the permittee can identify the cause of the emergency;
    b. The permitted facility was at the time being properly operated;
    c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
    d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.

a. Notification of the Division does not relieve the source of any other local, state or federal notification requirements.

b. Emergency conditions listed in General Provision G (f)(1) above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030 Section 23 (3)].

c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:030 Section 23 (2)].

Risk Management Provisions

SECTION G – GENERAL PROVISIONS

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

   RMP Reporting Center
   P.O. Box 3346
   Merrifield, VA, 22116-3346

2. If requested, the permittee shall submit additional relevant information to the Division or the U.S. EPA.

a. Ozone Depleting Substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
   a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
   b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
   c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
   d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the record keeping requirements pursuant to 40 CFR 82.166
   e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
   f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION H – ALTERNATE OPERATION SCENARIOS

None

SECTION I – COMPLIANCE SCHEDULE

None